

## IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

1033 09/872063  
U.S. PTO  
06/01/01

In the **PATENT APPLICATION** of:

Lo et al.

Our File: JAK-PT001.1

**Application No.:** Not Yet Known

Date: June 1, 2001

**Filed:** Not Yet KnownFor: *NON-INVASIVE PRENATAL DIAGNOSIS*

Group: Not Yet Known

Examiner: Not Yet Known

**INFORMATION DISCLOSURE STATEMENT**Box **PATENT APPLICATION**

Commissioner for Patents

Washington, D.C. 20231

Sir:

Further to Applicants' Duty of Disclosure pursuant to 37 C.F.R. §1.56, Applicants wish to bring to the Examiner's attention the material cited on the enclosed PTO-1449 form.

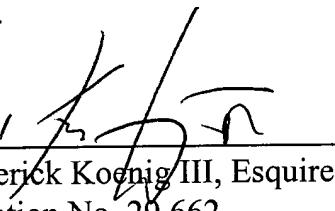
This application is a continuation of Application No. 09/380,696, filed on November 29, 1999, which is a §371 National Phase of PCT application No. PCT/GB98/00690, filed March 4, 1998. Pursuant to 37 C.F.R. §1.98(d) copies of the documents, which were all cited in the parent application, are not enclosed, but copies will be provided upon request.

**Applicant:** Lo et al.  
**Application No.:** Not Yet Known

It is respectfully requested that the Examiner consider these documents and return an initialed copy of the PTO-1449 form indicating his consideration of the cited materials.

Respectfully submitted,

Lo et al.

By   
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CFK/fap  
Enclosures ( )

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FORM PTO-1449		ATTY. DOCKET NO. JAK-PT001.1	SERIAL NO. Not Yet Known
U.S. DEPARTMENT OF COMMERCE PATENT AND TRADEMARK OFFICE		APPLICANT Lo et al.	
INFORMATION DISCLOSURE STATEMENT BY APPLICANT  (Use several sheets if necessary)		FILING DATE Not Yet Known	GROUP Not Yet Known

## U.S. PATENT DOCUMENTS

EXAMINER INITIAL		DOCUMENT NUMBER							DATE	NAME	CLASS	SUBCLASS	FILING DATE IF APPROPRIATE

## FOREIGN PATENT DOCUMENTS

		DOCUMENT NUMBER							DATE	COUNTRY	CLASS	SUBCLASS	TRANSLATION		
													YES	NO	
	AA	9	1	0	8	3	0	4	06/91	PCT	C12Q	1/68			
	AB	9	5	0	6	1	3	7	03/95	PCT	C12Q	1/68			
	AC	2	2	9	9	1	6	6	09/96	GB	C12Q	1/68			

## OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, Etc.)

	AD		Journal of Immunological Methods; Vol. 180, No. 1; Fowke et al.; "Genetic Analysis Of Human DNA Recovered From Minute Amounts Of Serum Or Plasma"; March 1995; pp 45-51; XP004021069
	AE		Database Medline; US National Library of Medicine (NLM); Bethesda, MD, US; Lo et al.; "Presence Of Fetal DNA In Maternal Plasma And Serum"; AN (NLM) 97420079; XP002070361; See also Lancet, August 1997; 350 (9076) pp 485-487, England
	AF		Tsitologia; Vol. 37, No. 3; Kazakov et al.; "Extracellular DNA In The Blood Of Pregnant Women"; 1995; Institute of Cytology, Russian Academy Of Sciences, and Medical Academy Of Post Graduate Education, St. Petersburg; pp 1-8

EXAMINER	DATE CONSIDERED
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EXAMINER: Initial if citation considered, whether or not citation is in conformance with MPEP 609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

Sheet 2 of 3

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(Use several sheets if necessary)			

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		DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUBCLASS	TRANSLATION	
							YES	NO

## OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, Etc.)

	AG		Lo et al. "Presence of fetal DNA in maternal plasma and serum" Lancet, Vol 350, pages 485-487, August 1997.
	AH		Lo "Fetal RhD genotyping from maternal plasma" Annals of Medicine, Vol 31, No. 5, pages 308-3012, October 1999.
	AI		Vianchi "Fetal DNA in Maternal Plasma The plot thickens and the placental barrier thins" Am. J. Hum. Genet. Vol 62, pages 763-764, April 1998.

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Sheet 3 of 3

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							YES
							NO

## OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, Etc.)

AJ		Lo et al. "Prenatal Diagnosis of Fetal RhD status by molecular analysis of maternal plasma" New England J. of Med. Vol 339, No. 24, pages 1734-1738, December 1998.
AK		Anucucci et al. "Prenatal diagnosis of Myotonic Dystrophy using fetal DNA obtained from maternal plasma" Clinical Chemistry, Vol 46, No. 2, pages 301-302, February 2000.
AL		Bischoff et al. "Noninvasive Determination of Fetal RhD status using fetal DNA in Maternal Serum and PCR" J. of the Society for gynecologic investigation, Vol 6, No. 2, pages 64-69, March-April 2000.

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